ABSTRACT OF THE DISCLOSURE

A technique is provided for processing image data based upon determination of whether pixilated data tends to represent or exhibit one characteristic or another. Many such characteristics may be considered, such as whether the pixels probably represent

5   structures or non-structures. Multiple thresholds for the classification of segmentation are used, and pixels falling within an overlapping regions are processed as if they exhibited both characteristics. Subsequent processing may include assignment of values for the overlapping pixels, such as by weighted blending.